



**PATIENT**

Chiix Gillies

**PRESENTING CLINICAL SIGNS**

Hx chronic cough not getting better with abx, mitral valve disease, suspect tracheal collapse

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE SKULL & THORAX**

A pre- and post-contrast CT study of the skull and thorax in a bone, lung and soft tissue reconstruction. and soft tissue reconstruction are provided for review.

**BREED**

Chihuahua

**COMPUTED TOMOGRAPHIC FINDINGS**

Skull

All teeth but triadan 107, 308, 309, 310, 407 – 410 are absent. Multiple retained fragments of the maxillary incisor teeth are seen within the respective alveolar crest. Moderate horizontal bone loss of the jaw quadrants with the absent tooth elements is seen.

**SEX**

MN

A mild amount of fluid attenuating material is attached to the mucosal lining of the nasal turbinate structures.

**AGE**

10 Years

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME**

Animal Health  
Partners

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Thorax

**REFERRING VET**

Dr. Westgarth

Moderate dorsoventral flattening of the cervical tracheal segment is appreciated – distended by the endotracheal tube.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

**INVOICE**

51207

The cardiovascular structures including the pulmonary vasculature are within normal limits.

**DATE**

3-28-22

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior with multiple subpleural small mineralized plaques throughout all lung lobes.



**PATIENT**

Chiix Gillies

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SPECIES**

Canine

- Tracheal collapse
- Multiple retained tooth roots upper incisor teeth, without signs of abscess/granuloma formation
- Multiple absent teeth, see above
- Incidental mineralizing subpleural plaques

**BREED**

Chihuahua

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The tracheal collapse is a plausible explanation for the history of cough. Although no overt changes of the lower airways are appreciated, accompanying bronchitis is a consideration. Bronchoscopy might be used for further grading of tracheal collapse and rule in/out bronchial collapse.

**SEX**

MN

**AGE**

10 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

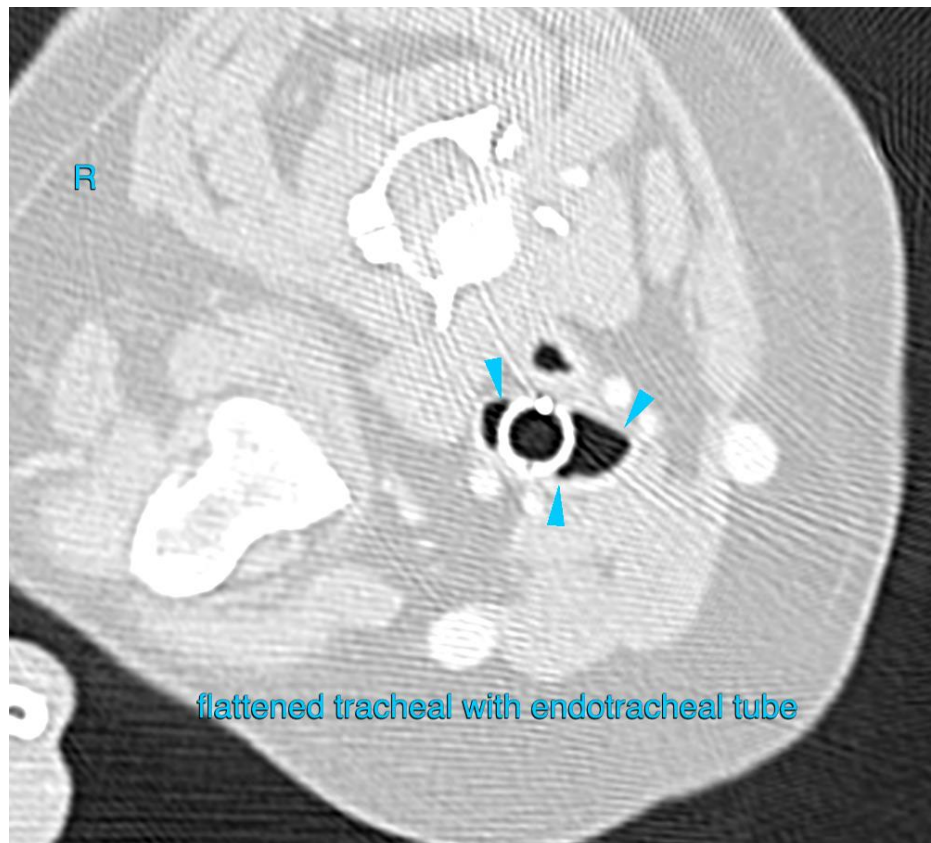
Dr. Westgarth

**INVOICE**

51207

**DATE**

3-28-22





**PATIENT**

Chiix Gillies

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**BREED**

Chihuahua

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**SEX**

MN

**AGE**

10 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

Dr. Westgarth

**INVOICE**

51207

**DATE**

3-28-22